# Amendment 181
# Contract No. 229944

## To the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System

This Amendment 181 to the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System is entered into this _6th_ day of _December_ , 2011, by and between ERG Transit Systems (USA) Inc, a California corporation and wholly owned subsidiary of Vix-ERG Limited, an Australian corporation, (hereinafter referred to as the "Contractor") and each of the following seven public transportation agencies (hereinafter referred to individually as an "Agency" or collectively as the "Agencies"):

1. Central Puget Sound Regional Transit Authority ("Sound Transit")

2. King County ("King County")

3. Kitsap County Public Transportation Benefit Area ("Kitsap Transit")

4. Pierce County Public Transportation Benefit Area ("Pierce Transit")

5. Snohomish County Public Transportation Benefit Area ("Community Transit")

6. City of Everett ("Everett")

7. State of Washington, acting through the Washington State Department of Transportation, Washington State Ferries Division ("WSF")

## Recitals

A.    Effective April 29, 2003, each of the Agencies and the Contractor entered into Contract #229944 ("Contract") to implement a Regional Fare Coordination System ("RFC System") to establish a common fare system utilizing smart card technology. The Contractor is responsible for the development, implementation, operation and maintenance of the RFC System as specified in the Contract.

B.    The Agencies and the Contractor desire to amend Section VI of Exhibit 9, Price Schedule Special Programs, to compensate the Contractor for the work necessary to validate that the HID MIFARE DESFire EV1/Prox Card (8k, 125kHz) card exhibits the same behaviour and performance as the DESFire EV1 cards and the DESFire/Prox Cards tested under Amendment 126. This work is more fully described in RFCS-RFI 653 *DESFire EVI/HID Prox Combo Card Testing,* per the Agencies response dated November 1, 2011.

C.    The Parties agree that the Work necessary to test the subject card will be performed and compensated as described below.

## Agreement

### Section 1.0 Description of Work

1.1 The Contractor will perform the work necessary to validate that the HID MIFARE DESFire EV1/Prox Card (8k, 125kHz) card exhibits the same behaviour and performance as the DESFire EV1 cards and the DESFire/Proxy Cards tested under Amendment 126 (RFCS-RFI 390). The Contractor will:

    (a) Conduct card tests, to include:

        i.    Design suitable tests

        ii.    Validate sample card use on all the devices employed in the RFCS system

        iii.    Validate transaction time which will consist of a test which compares the recorded transaction times of the DESFire, DESFire EV1 and DESFire EV1/Prox cards in a single scenario.

    (b) Provide KCM with a written Test Report to include all findings and identify any constraints to implementing the subject card in the RFCS system.

**Section 2.0 Schedule**: .Testing is to be completed in sufficient time for any necessary devices changes to be implemented in MR 17.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Parties hereby agree to amend the Contract as follows:

### Section 3.0  Compensation Changes

Section VI (Implementation) of Exhibit 9, Price Schedule, is hereby amended to read as follows:

## VI. IMPLEMENTATION

## SPECIAL PROGRAMS

| | LUMP SUM COST |
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| To perform the work necessary to test the EV1/Indala Prox Card for use as the KC Employee ORCA ID | |
| **TOTAL** | **$10,329** |

### Section 4.0 Other Terms and Conditions

All other provisions of the Contract not referenced in this Amendment One Hundred and Eighty-one shall remain in effect.

IN WITNESS WHEREOF, authorized representative of the Agencies and the Contractor have signed their names in the spaces provided below.

**ERG Transit Systems (USA) Inc.**

By: _____
Its: _General Manager_
Date: _11/21/11_

**The Agencies**

By: _Candace Carlson_
Their: _Operations Manager_
On behalf of the Agencies
Date: _12/6/2011_